



micro:bit

SAFETY WARNINGS

DO NOT PLACE ANY METAL OBJECT ACROSS THE BBC MICRO:BIT BATTERY SOCKET.

DO NOT PLACE ANY METAL OBJECTS ACROSS THE PRINTED CIRCUITS AS THIS CAN CAUSE A SHORT CIRCUIT.

DO NOT USE YOUR BBC MICRO:BIT IN WATER OR WITH WET HANDS.

DO NOT LEAVE YOUR BBC MICRO:BIT PLUGGED INTO ANY DEVICE UNSUPERVISED.

PLEASE AVOID HANDLING THE BBC MICRO:BIT CIRCUIT BOARD WHILE PLUGGED INTO A POWER SUPPLY.

PLEASE HANDLE YOUR BBC MICRO:BIT BY ITS EDGES.

ALL LEADS AND ACCESSORIES USED WITH YOUR BBC MICRO:BIT SHOULD MEET THE RELEVANT STANDARDS AND BE MARKED TO SHOW THIS.

CONNECTING YOUR BBC MICRO:BIT TO ANYTHING UNAPPROVED COULD DAMAGE IT.

PLEASE DO NOT LEAVE YOUR BBC MICRO:BIT WITHIN REACH OF CHILDREN UNDER 8 YEARS.

PLEASE OPERATE YOUR BBC MICRO:BIT IN A WELL VENTILATED ROOM.

ONLY CONNECT YOUR BBC MICRO:BIT TO A POWER SUPPLY RATED AT 3VOLTS.

THE MAXIMUM CURRENT SAFELY SUPPLIED TO AN EXTERNAL CIRCUIT USING THE 3V PIN ON THE EDGE CONNECTOR IS 100MA.

PLEASE DO NOT STORE OR USE YOUR BBC MICRO:BIT IN EXTREMELY HOT OR COLD ENVIRONMENTS.

BATTERY WARNINGS

ONLY USE ZINC-CARBON OR ALKALINE BATTERIES WITH YOUR BBC MICRO:BIT.

TO REMOVE THE BATTERY PACK PINCH THE CONNECTOR WITH YOUR FINGERS.

DO NOT REMOVE BY PULLING THE WIRES.

PLEASE DO NOT MIX DIFFERENT TYPES OF BATTERIES OR MIX NEW AND USED BATTERIES.

PLEASE USE BATTERIES OF THE SAME OR EQUIVALENT TYPE AS THOSE RECOMMENDED.

PLEASE INSERT BATTERIES THE CORRECT WAY ROUND.

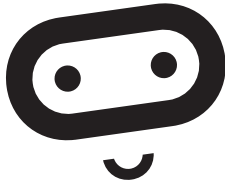
PLEASE REMOVE SPENT BATTERIES FROM THE BATTERY HOLDER.

DO NOT PLACE ANY METAL OBJECTS ACROSS THE TERMINALS AS THIS MAY SHORT-CIRCUIT THE BATTERY SUPPLY.

DO NOT TRY TO CHARGE NORMAL (NON-RECHARGEABLE) BATTERIES.

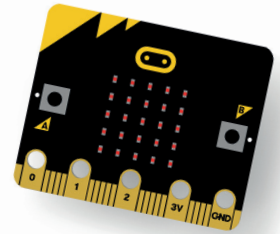



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QUICK START GUIDE

For full set up instructions, please visit:
<https://www.microbit.co.uk/getting-started>



Requirements

- A laptop or PC running Windows 7 or later, or a Mac running OS X 10.6 or later, or a smart phone or tablet.
- An 'A Male' to micro USB cable to connect your computer to your BBC micro:bit. This is the same cable that is commonly used to connect a smart phone to a computer.
- Access to the Internet.

Accessing the BBC micro:bit website

- Just go to www.microbit.co.uk. There are lots of tutorials and information on the website.

Coding your BBC micro:bit

- Go to **Create Code** and choose the editor that you would like to code with.
- When you have finished your script, press **run** to see it play on the on screen simulator.

Connecting your BBC micro:bit

You connect your BBC micro:bit to your computer with a micro USB cable.

- Connect the small end of the USB cable to the micro USB port on your BBC micro:bit.
- Connect the other end of the USB cable to a USB port on your computer.

Your computer should recognise your BBC micro:bit as a new drive. On computers running Windows, MICROBIT appears as a drive under Devices and drives. On a Mac it appears as a new drive under Devices.

Compiling your script

- Click **compile** in the editor. Your script is converted into a .hex file that you can transfer and run on your BBC micro:bit.
- To compile a different script click on **My Scripts**, select the script, then click **edit** and **compile**.

Transferring the file to your BBC micro:bit

- When the file has downloaded, open Finder or Windows Explorer and open the **MICROBIT** drive. Drag and drop the .hex file onto your MICROBIT drive.
- The LED on the back of your BBC micro:bit flashes during the transfer which only takes a few seconds.
- Once transferred, the code will run automatically on your BBC micro:bit. To rerun your program, press the reset button on the back of your BBC micro:bit. The reset button automatically runs the newest file on the BBC micro:bit.
- Once you transfer a file to the BBC micro:bit, you can disconnect the BBC micro:bit from your computer.

Powering your BBC micro:bit

When your BBC micro:bit is not connected to your computer with a USB, you will need 2 x AAA batteries to power it.

Using phones and tablets

- Find out how to use the BBC micro:bit App to connect your phones and tablets with the BBC micro:bit in the getting started section on the website.

